

[Go to Product page](#)

Datasheet for ABIN5009943

anti-RNF180 antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	RNF180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF180 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RNF180
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RNF180
Alternative Name:	RNF180 (RNF180 Products)
Background:	<p>Synonyms: Rines, 3110001E11Rik, MGC120326, MGC120328, MGC188174, rCG_44674, Ring finger protein 180.</p> <p>Background: The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms.</p>

Target Details

Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF180 (ring finger protein 180), also known as Rines, is a 592 single-pass membrane protein that contains a single RING-type zinc finger. Expressed as three alternatively spliced isoforms, RNF180 is well conserved among vertebrates. RNF180 is expressed in brain, kidney, testis and uterus and localizes to the endoplasmic reticulum. RNF180 is an E3 ubiquitin ligase involved in the ubiquitin-proteasome pathway. RNF180 is encoded by a gene located on human chromosome 5, which contains 181 million base pairs and comprises nearly 6 % of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm, or of chromosome 5 altogether, is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Gene ID:	285671
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Application Details

Application Notes:	IF(IHC-P) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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